

Automated Router Load Balancing

ABSTRACT OF THE DISCLOSURE

- 5 One embodiment disclosed relates to a method of load balancing between a plurality of routers. A packet is received at a router from a source host to be forward to a destination host. An algorithm is applied at the router to select a gateway forthe source host for packets destined to the destination host. An ICMP redirect message is then sent from the router to the source host to
- 10 reset the gateway of the source host for packets destined to the destination host. Another embodiment disclosed relates to another method of load balancing between a plurality of. An ARP request is received at the plurality of routers from a requesting host from a source IP address in relation to a destination IP address. An algorithm is applied at each router to determine which single router
- 15 is to respond to the request. The responding router sends an ARP reply to the requesting host.